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8933 7590 03/29/2007

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Maria E. Provencio (Depositor's name)
Maria E. Provencio (Signature)
June 26, 2007 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/57,204 | 01/14/2004 | Chih-Ming Kc | TS02-420 | 3553 |

TITLE OF INVENTION: APPROACH TO IMPROVE ELLIPSOMETER MODELING ACCURACY FOR SOLVING MATERIAL OPTICAL CONSTANTS N & K

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|----------------|---------------------|------------------------------------|------------------|-----------------------|
| nonprovisional | NO | \$1400 | \$300 | 06/07/2007 HGBREH2510009344 041675 | | 06/29/2007 10/13/2004 |
| EXAMINER | ART UNIT | CLASS-SUBCLASS | | | | |
| NGUYEN, SANG H | 2886 | 356-369000 | 01 FC:1501 | 1400.00 DA | | |
| | | | 02 FC:1504 | 300.00 DA | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

HSIN-CHU, TAIWAN, R.O.C.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Mark J. Marcelli

Date June 26, 2007

Typed or printed name

Mark J. Marcelli

Registration No. 36,593

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